

Notification Date: June 17, 2025 Effective Date: July 24, 2025

Secobarbital, Serum

Test ID: SECOS

Explanation: Clarifying language and cutoff concentrations are being added to the reference value field as shown below. With this update stability will also be extended.

Current Reference Value

Therapeutic concentration: 1.0-2.0 mcg/mL

Toxic concentration: >5.0 mcg/mL

New Reference Value

Therapeutic concentration: 1.0-2.0 mcg/mL Toxic concentration: >5.0 mcg/mL

Cutoff concentrations by gas chromatography

mass spectrometry: Secobarbital: 0.5 ng/mL

Current Specimen Stability			
Specimen	Temperature	Time	
Serum Red	Refrigerated (preferred)	14 days	
	Ambient	14 days	
	Frozen	14 days	

New Specimen Stability			
Specimen	Temperature	Time	
Serum Red	Refrigerated (preferred)	28 days	
	Ambient	28 days	
	Frozen	28 days	

Questions